

Message Text

LIMITED OFFICIAL USE

PAGE 01 THE HA 03769 140910Z

16

ACTION EB-07

INFO OCT-01 EUR-12 ISO-00 IO-13 CAB-02 CIAE-00 COME-00

DODE-00 DOTE-00 INR-07 NSAE-00 CIEP-01 SS-15 NSC-05

/063 W

----- 004659

P R 130733Z JUL 76

FM AMEMBASSY THE HAGUE

TO FAA WASHDC PRIORITY

INFO SECSTATE WASHDC 8536

LIMITED OFFICIAL USE THE HAGUE 3769

MSG FOR: ASSOCIATE ADMINISTRATOR FOR E&D

E.O. 11652: N/A

TAGS: EAIR, ICAO

SUBJECT: RESUME OF MEETING JULY 7

REF: THE HAGUE 3688

1. MEETING CONVENED 0930. FRENCH AND RUSSIANS STILL NOT IN ATTENDANCE. PRESENT TALLY OF U.K. TEAM IS 10. GENERAL TONE OF MEETING UNCHANGED AND NON-PROPOSERS CONCERNED AT LEVEL OF DETAIL BEING TREATED. PROBLEM STEMS FROM FACT THAT ONLY PROPOSERS ARE REALLY TECHNICALLY ABLE TO CRITIQUE ANOTHER PROPOSAL. MOST EXCHANGES ARE BETWEEN U.S. AND U.K. ALL CLEAN FROM U.S. SIDE. U.K. HAS SOME LAPSES.

2. MONITORING SUBJECT GENERALLY BELIEVED TO FAVOR DMLS. THIS VIEW HELD BY MOST BASED ON SOME BELIEF THAT PHASE SHIFTERS ARE A REAL PROBLEM. TECHNICAL ARGUMENTS NOT WELL RECEIVED. SOME DISCUSSION MAKES IS EVIDENT THAT GROUP DOES NOT AND PERHAPS WILL NOT, RECOGNIZE THAT DMLS INTERLEAVED ARRAY IS A THINNED ARRAY. GROUP ALSO BELIEVES THAT VARIETY OF IMPLEMENTATION OFFERED BY TRSB IN AUSTRALIAN AND U.K. PROPOSALS IS A LIABILITY AND NOT AN ASSET. THIS VIEW HELD
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 THE HA 03769 140910Z

PRIMARILY BY IATA.

3. U.K. LAPSE WAS STATEMENT THAT CLAIM THAT TRSB PHASED ARRAY IS FAIL SOFT IS A DISHONEST CLAIM. THIS BY WHITNEY. U.S. AND AUSTRALIA REBUT BUT CHAIR BELIEVES BOTH ABOUT EQUAL AND OVERRIDES.

4. IN PRIVATE CONVERSATION WITH LEGERE I POINTED OUT LACK OF EVEN HANDED TREATMENT USING DLS AS MAJOR EXAMPLE OF SYSTEM BEING TREATED LIGHTLY. ALSO FACT THAT U.S. AND AUSTRALIAN PANEL MEMBERS TREATED AS IF ONLY ONE MEMBER. WARNED HIM THIS MAY BACKFIRE DOWNSTREAM PARTICULARLY AS REGARDS FRG AT WORLD WIDE MEETING.

5. IN FORMAL MEETING TORONTOW INDICATES CANADIAN NATO MEMBER ASKED THAT CIVIL/MILITARY INTEROPERABILITY BY ONE OF HIS CONSIDERATIONS. NOTE USSR ABSENT.

6. RELIABILITY IS SUBJECT TO AD HOC SUBGROUP. WHERE U.K. ADMITS THEY DID NOT FIGURE IN COMMON MODE FAILURES.

7. U.K. NOW SAYS THE INTERLEAVED (REDUNDANT) ARRAYS IN THEIR CATEGORY III SYSTEM. AS NOTED ABOVE THIS IS THINNED. THIS POSTURE MAKES THEM LESS VULNERABLE TO LINCOLN LABS EFFECT.

8. PERFORMANCE SUBGROUP CONTINUES AND SINCE DMLS 1/2 DEG ANTENNA LOOKS BETTER THAN TRSB 1 DEG WE PROPOSED BEAMWIDTH NORMALIZATION.

9. MEETING ADJOURNED AT 1700 HRS.

10. USSR TEAM ARRIVED THIS PM FRISBIE AND NELSON MEET WITH PAKHOLKOV VGARKIN AND ONE OTHER. USSR FIRM FOR TRSB AND GLAD TO SEE US FIRM. USSR DOES NOT SEEM CONCERNED ABOUT DELAY AND WOULD WELCOME SOME EXPRESSION THAT U.S. WOULD GO AHEAD.

11. RESUME OF JULY 9.

12. MEETING CONVENED 0930. FRENCH, ONE MAN AND USSR, THREE LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 THE HA 03769 140910Z

MEN COMPLETE THE FULL GROUP.

13. REPORT OF PERFORMANCE SUBGROUP INDICATES THEY NEED GUIDANCE RE BEAMWIDTH DIFFERENCES. U.S. ARGUES FOR BW NORMALIZATION STATING THAT THE JOB IS TO FIND TECHNIQUE DEPENDENT DIFFERENCES AND APERTURE IS NOT TECHNIQUE DEPENDENT. GERMANY AND AUSTRALIA AGREE AND U.K. OBJECTS. TIDE TURNS AGAINST US WHEN KREJCIK, TORONTOW AND MCCLOSKEY ALL SAY THEY JUST WANT TO COMPARE

WHAT WAS TESTED (I.E. U.S. ONE DEG, U.K. ONE HALF DEG). WE ARGUE GROUP SHOULD COMPARE WHAT IS PROPOSED (I.E. U.K. ONE DEG, U.S. ONE DEG). ONLY THING WE GET IS THAT SUBGROUP WILL NOTE DIFFERENCES IN BEAMWIDTH AND CAUTION MEMBERS TO TAKE THIS INTO ACCOUNT WHEN MAKING JUDGEMENTS (MY ANALYSIS IS THAT THIS MEANS DMLS WINS PERFORMANCE AND SINCE KREJCIK AND MCCLOSKY DON'T CARE ABOUT COSTS, THIS SITUATION IS CAUSE FOR REAL CONCERN). AT U.S. URGING GROUP AGREES TO CONSIDER DOPPLER ONE HALF DEG IN MULTIPATH, COST AND RELIABILITY TOO SINCE WE ARE GOING TO LOOK AT THEM IN PERFORMANCE.

14. RETURN TO MAINTAIN ABILITY U.S. TRY'S TO POINT OUT THAT MAJOR CONCLUSION IS THAT DMLS COMMUTATED ARRAY WILL BE DIFFICULT TO MAINTAIN WHILE ON THE AIR. THIS NOT ACCEPTED. DISCUSSION GOES BACK TO PHASE SHIFTER MONITORING AND MUCH DETAIL. U.S. IS IN UNCOMFORTABLE POSTURE AS NO METHOD OF ONLINE PHASE SHIFTER MAINTENANCE MONITOR WAS EVER DESIGNED FOR TRSB. MEYER-JONES/REDLIEN ARE APPLYING ENERGY TO FILLING THIS GAP AS U.K. DEMANDING INFORMATION OR WANTS TO SAY DMLS BETTER BECAUSE OF DIRECT, SIMPLE ONLINE FAULT ISOLATION.

15. AGAIN GROUP TALKS ABOUT PROBLEM OF TOO MANY VARIETIES OF TRSB, TOO MANY SPARES HAVE TO BE STOCKED, ETC., REASON PREVAILS AND IT IS AGREED THAT VARIETY IS NOT A DISCRIMINANT.

16. U.S. GETS U.K. TO WITHDRAW A TEMPERATURE EFFECT PAPER ON BASIS OF TECHNICAL INACCURACIES.

17. INDICATION IS THAT RELIABILITY CALCULATIONS WILL SHOW ABOUT EQUAL HAZARD PROBABILITY FOR TRSB AND DMLS WHEN DMLS RECALCULATED PROPERLY. FORMER FIGURES GREATLY FAVORED DMLS.

18. U.S. SHOWS SECOND U.K. PAPER RE MULTIPATH TO HAVE EFFORS LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 04 THE HA 03769 140910Z

AND REAFFIRMS LINCOLN LABS SIMULATION CREDITABILITY.

19. AIRBORNE MONITORING INVOLVES MUCH DISCUSSION OF GROUND RADIATED TEST (GRT). GROUP CAN'T AGREE ITS AN ESSENTIAL AND IS WORRIED BY U.S. CLAIM THAT DMLS GRT IS SUBJECT TO MULTIPATH.

20. PROCEDURAL PROBLEM ARISES AS U.K. PAPER GETS INTO SYSTEM AND DISCUSSED DESPITE BAN ON NEW PAPERS EARLIER. GERMANY, WHO HAD PAPER DENIED ACCESS OBJECTS. CHAIR SAYS WE'LL DISREGARD BUT GERMANS SAY IT IS TOO LATE.

21. DISCUSSION OF SPECTRAL CONTENT OF SYSTEMS BEGAN AND GIVEN TO U.K. AND U.S. TO SORT OUT.

22. MEETING ADJOURNED AT 1645.

BROWN

LIMITED OFFICIAL USE

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: CIVIL AVIATION, MEETING REPORTS
Control Number: n/a
Copy: SINGLE
Draft Date: 13 JUL 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: KelleyW0
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976THEHA03769
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D760271-1101
From: THE HAGUE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19760762/aaaaccov.tel
Line Count: 171
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION EB
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: 76 THE HAGUE 3688
Review Action: RELEASED, APPROVED
Review Authority: KelleyW0
Review Comment: n/a
Review Content Flags:
Review Date: 24 MAR 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <24 MAR 2004 by greeneet>; APPROVED <09 AUG 2004 by KelleyW0>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: RESUME OF MEETING JULY 7
TAGS: EAIR, ICAO
To: FAA
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006